

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\  
 Data File : BF098808.D  
 Acq On : 26 Sep 2017 3:14  
 Operator : SJ/JU  
 Sample : I5395-07  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3-(0-5)

Quant Time: Sep 26 08:06:09 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 23 13:50:58 2017  
 Response via : Initial Calibration

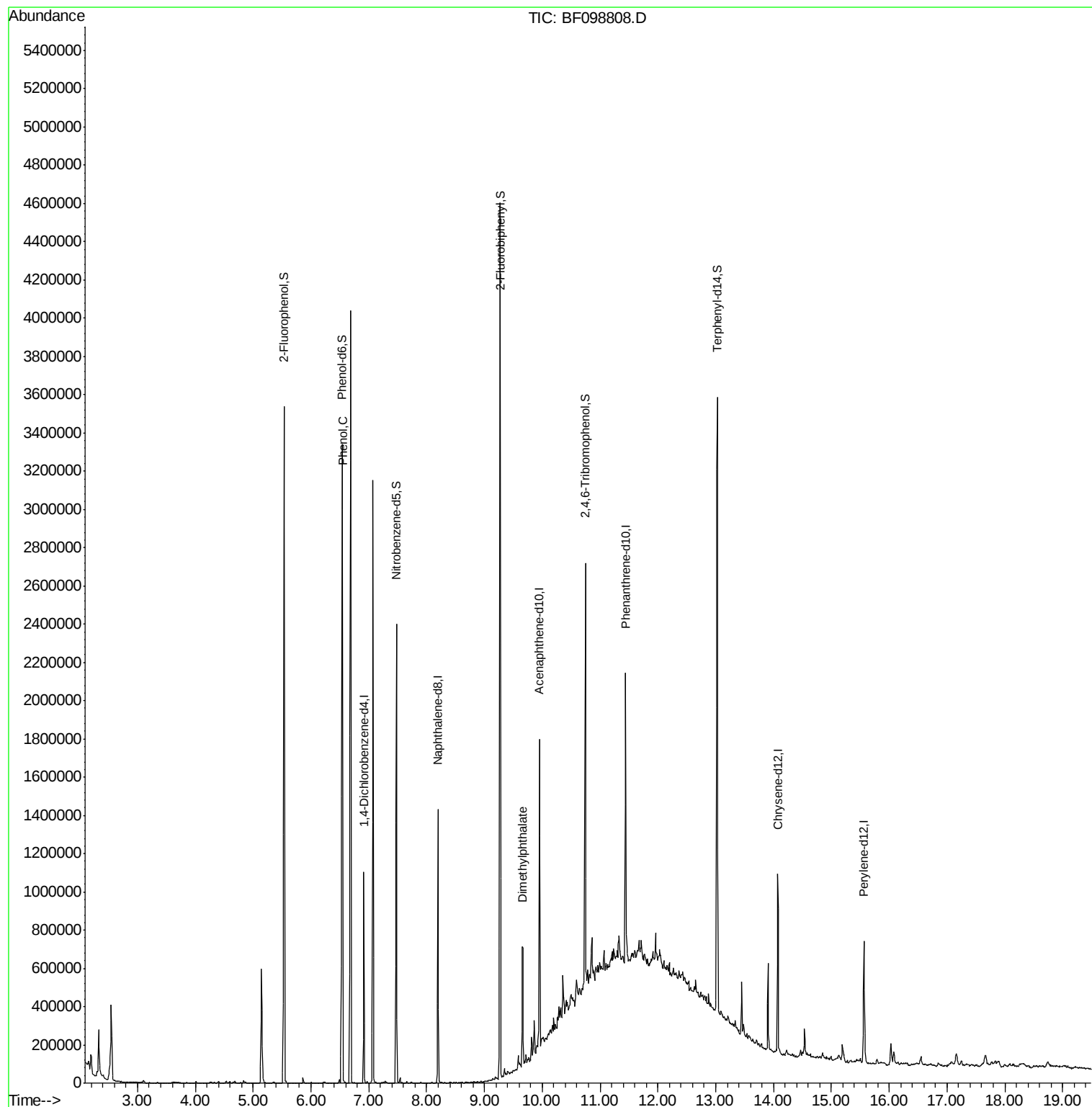
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.92  | 152  | 153672   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.20  | 136  | 647975   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.95  | 164  | 297877   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.44 | 188  | 478009   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.07 | 240  | 290628   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.57 | 264  | 278772   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.53  | 112  | 1166948  | 120.89 | ng    | 0.00     |
| 7) Phenol-d6                | 6.54  | 99   | 1464979  | 123.02 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.48  | 82   | 866912   | 85.80  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.75 | 330  | 298825   | 122.60 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.27  | 172  | 1537432  | 86.16  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.03 | 244  | 1115474  | 87.29  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.55  | 94   | 50811    | 3.815  | ng    | 98       |
| 49) Dimethylphthalate       | 9.66  | 163  | 223256   | 9.930  | ng    | 98       |

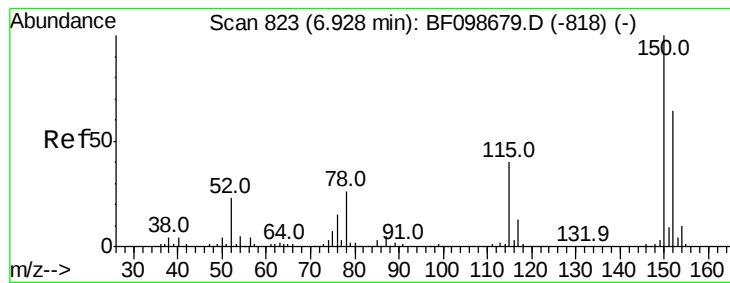
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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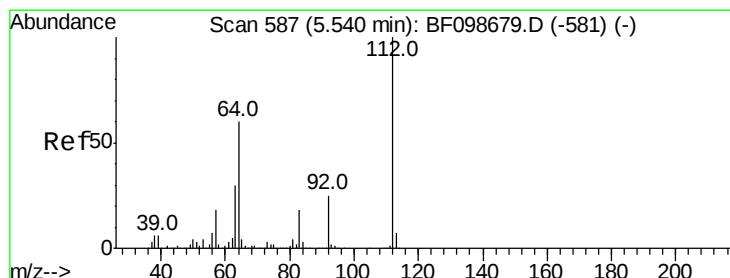
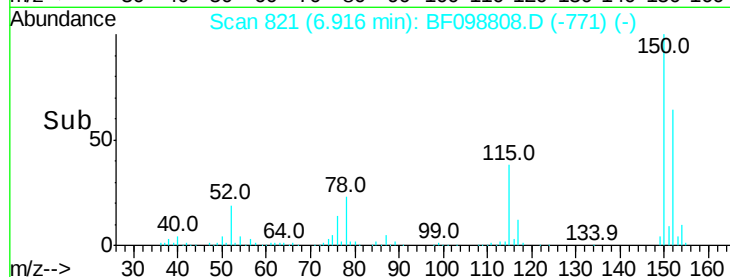
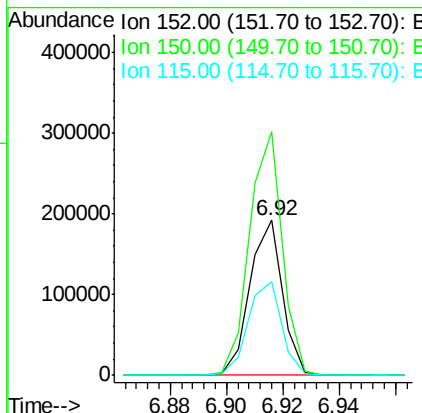
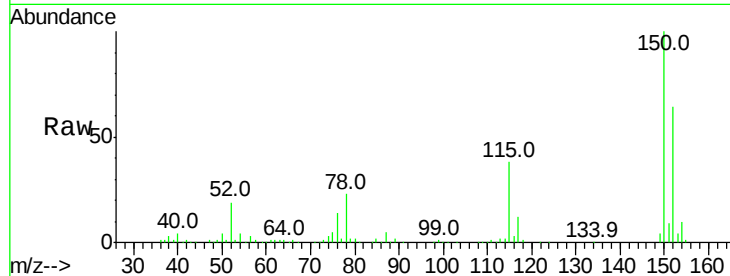


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.92 min Scan# 821  
Delta R.T. -0.01 min  
Lab File: BF098808.D  
Acq: 26 Sep 2017 3:14

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-(0-5)

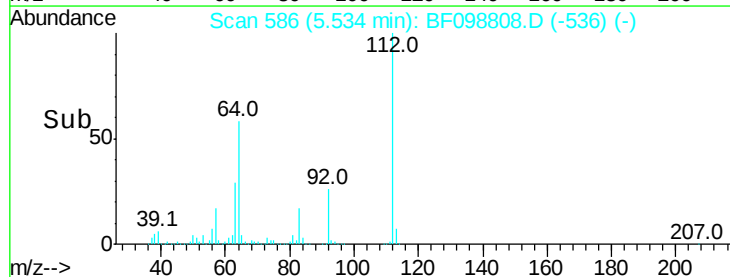
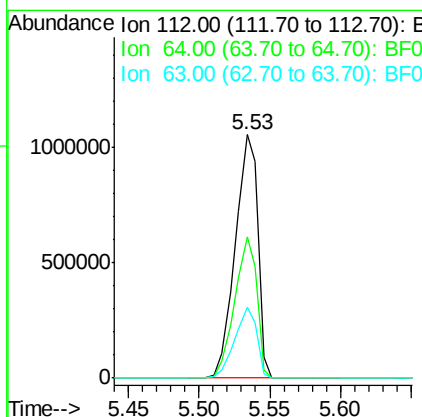
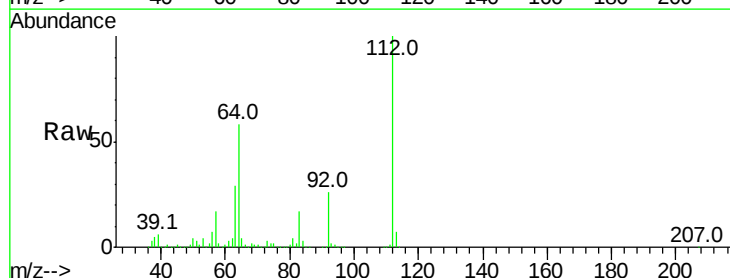
Tot Ion:152 Resp: 153672  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.6 186.8  
115 60.2 50.1 75.1



#5

2-Fluorophenol  
Concen: 120.885 ng  
RT: 5.53 min Scan# 586  
Delta R.T. -0.01 min  
Lab File: BF098808.D  
Acq: 26 Sep 2017 3:14

Tgt Ion:112 Resp: 1166948  
Ion Ratio Lower Upper  
112 100  
64 57.8 47.9 71.9  
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 123.019 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA\_F

ClientSampleId :

TP-3-(0-5)

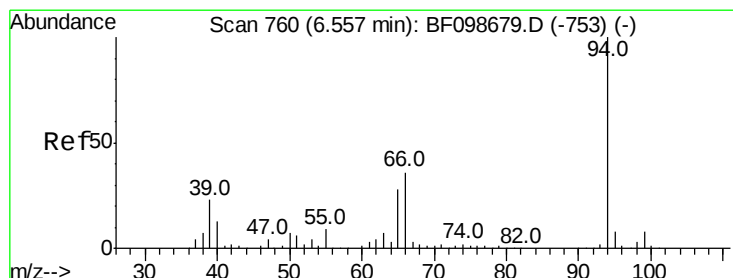
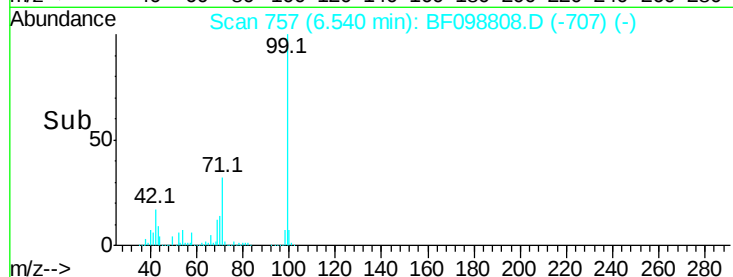
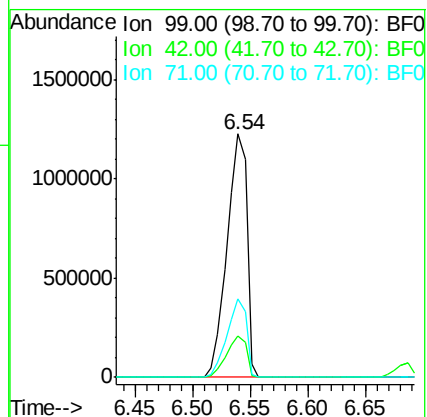
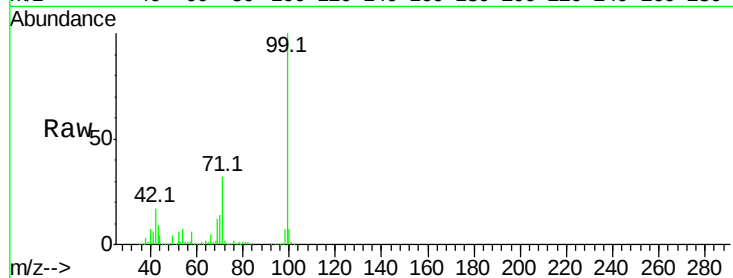
Tot Ion: 99 Resp: 1464979

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 3.815 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

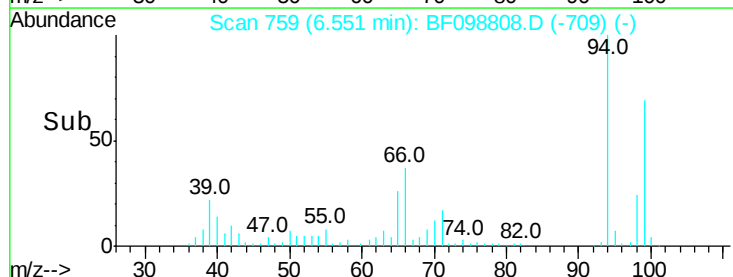
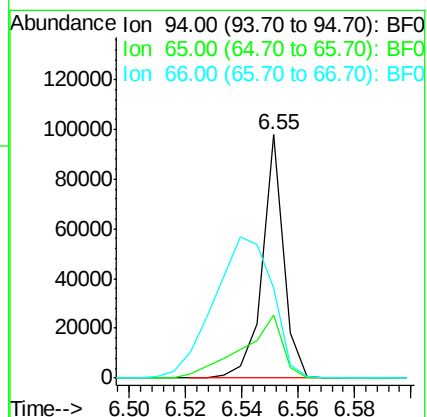
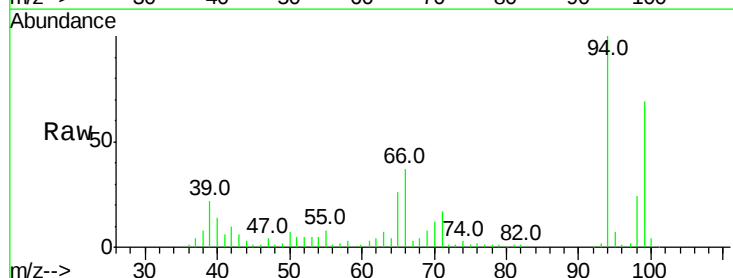
Tgt Ion: 94 Resp: 50811

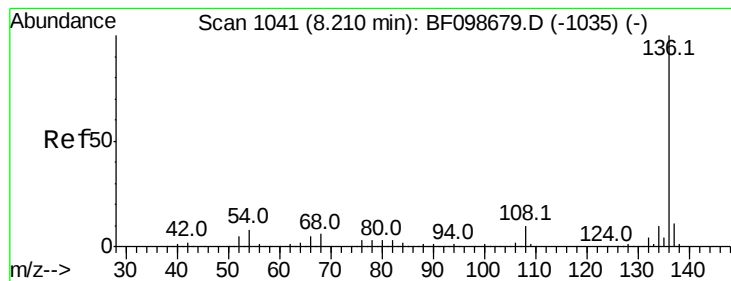
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 36.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA\_F

ClientSampleId :

TP-3-(0-5)

Tot Ion:136 Resp: 647975

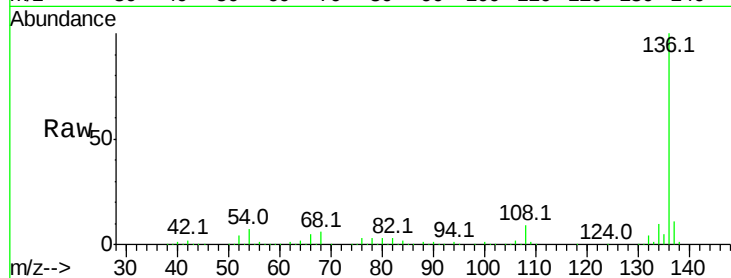
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 6.6 9.8

68 5.7 5.0 7.4

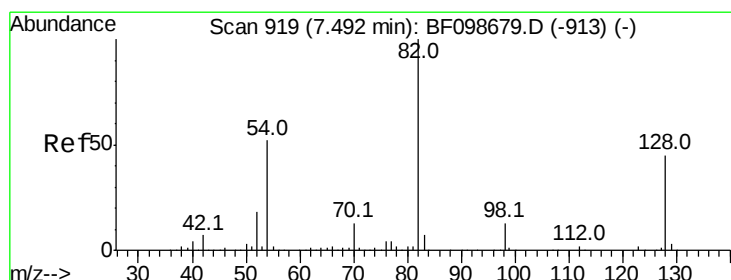
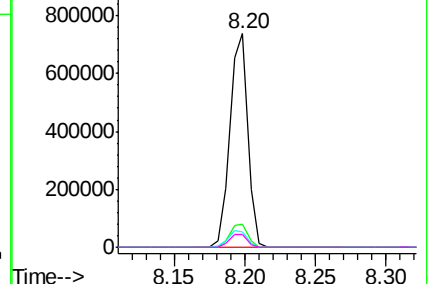
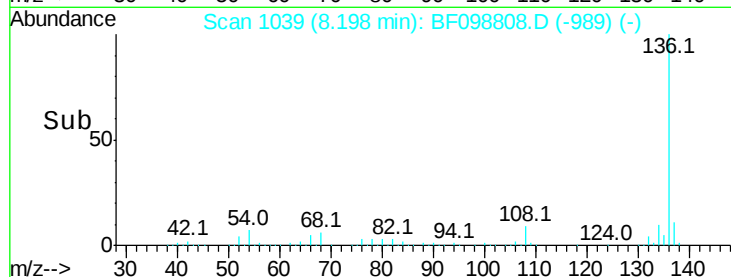


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 85.798 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

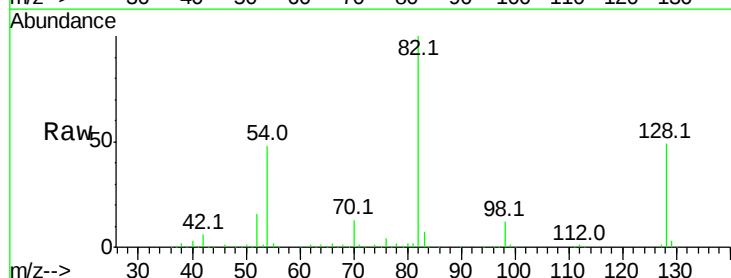
Tgt Ion: 82 Resp: 866912

Ion Ratio Lower Upper

82 100

128 49.2 36.1 54.1

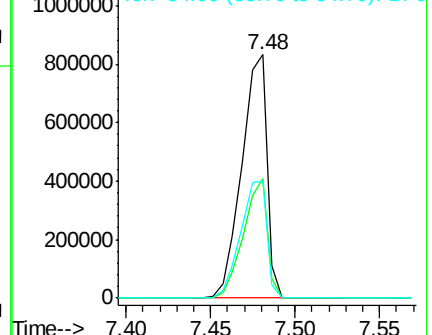
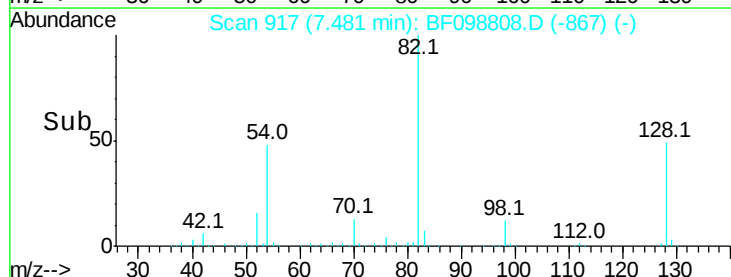
54 48.1 41.4 62.2

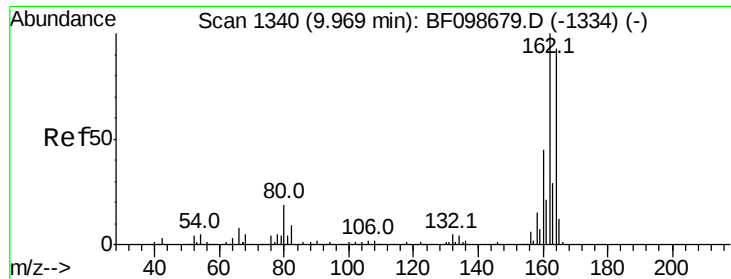


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

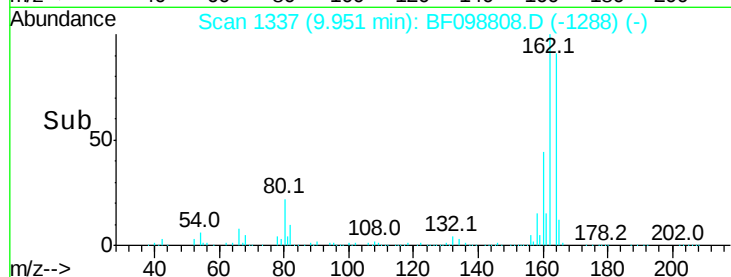
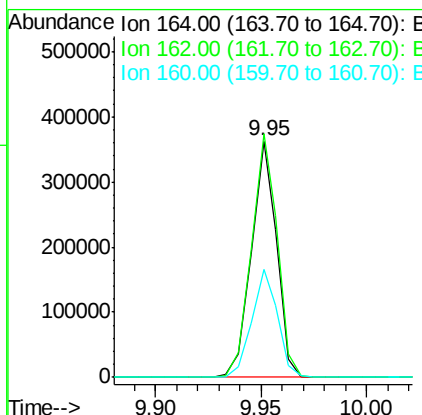
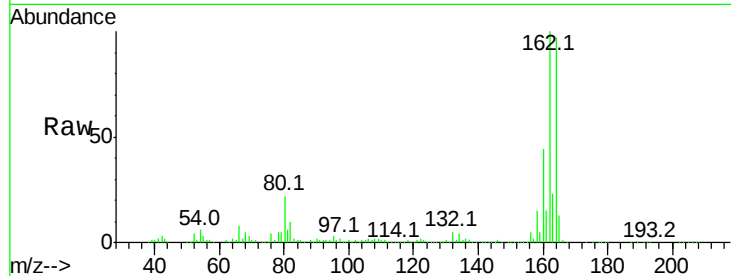




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.95 min Scan# 1337  
 Delta R.T. -0.01 min  
 Lab File: BF098808.D  
 Acq: 26 Sep 2017 3:14

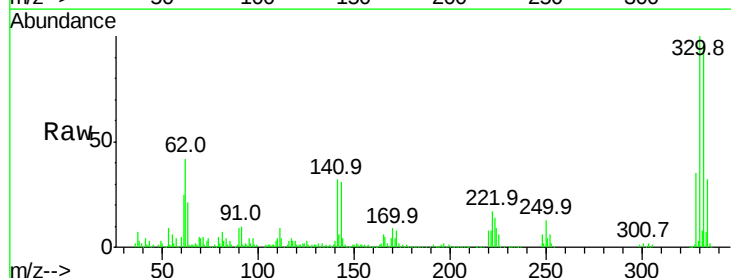
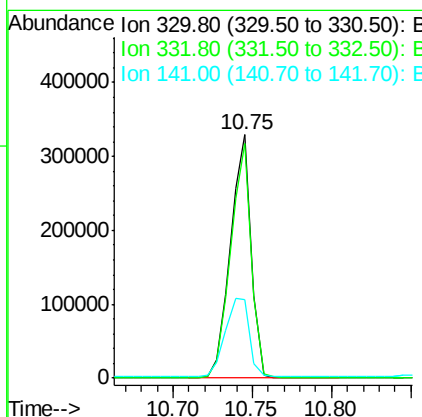
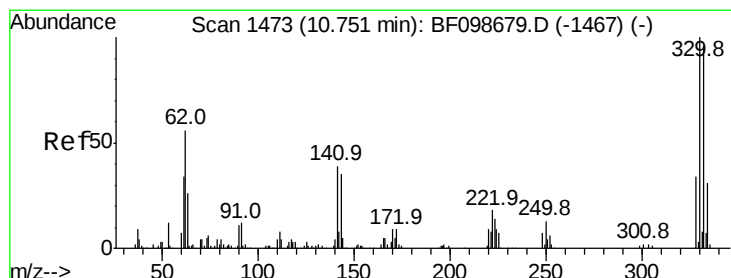
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3-(0-5)

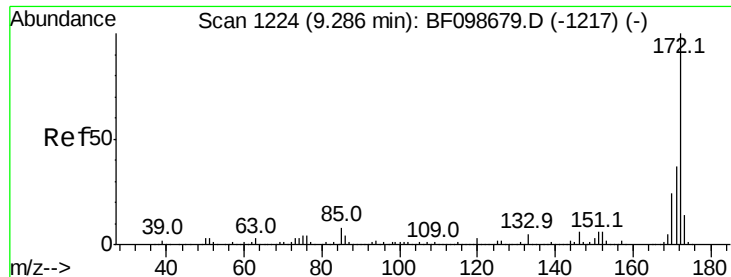
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.1 | 86.1  | 129.1 |
| 160     | 45.6  | 38.3  | 57.5  |



#41  
 2,4,6-Tribromophenol  
 Concen: 122.598 ng  
 RT: 10.75 min Scan# 1472  
 Delta R.T. -0.01 min  
 Lab File: BF098808.D  
 Acq: 26 Sep 2017 3:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.9  | 77.0  | 115.6 |
| 141     | 37.4  | 29.9  | 44.9  |

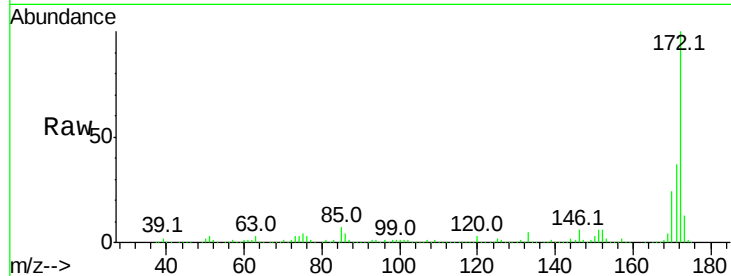




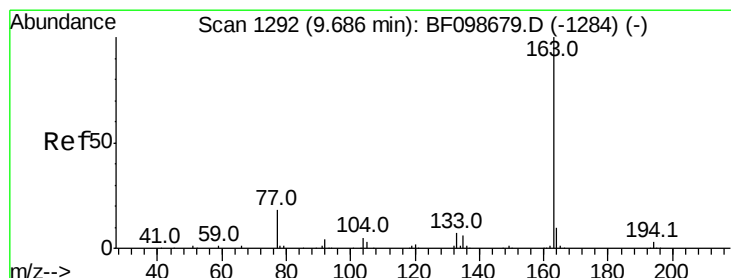
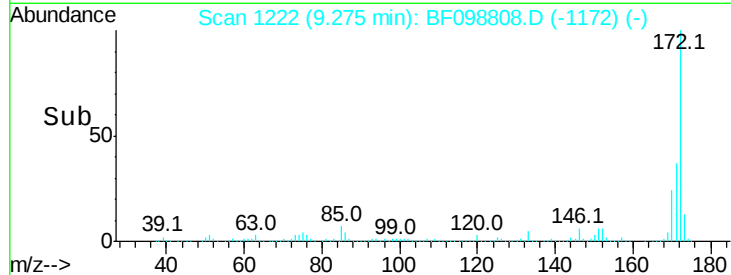
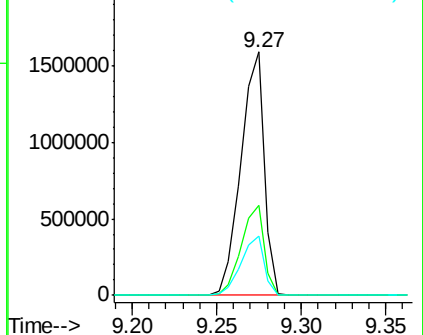
#44  
2-Fluorobiphenyl  
Concen: 86.164 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: BF098808.D  
Acq: 26 Sep 2017 3:14

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-(0-5)

Tot Ion:172 Resp: 1537432  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.7 44.5  
170 24.3 19.6 29.4

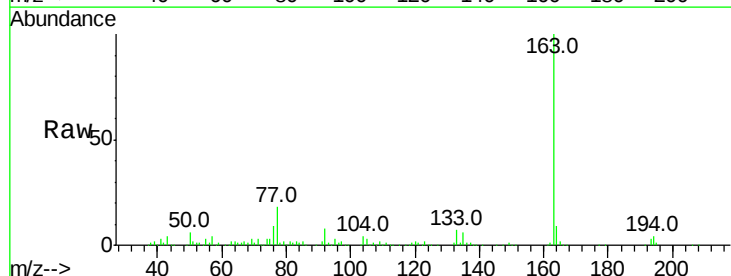


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

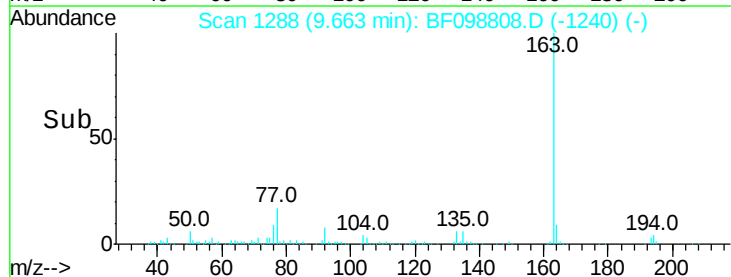
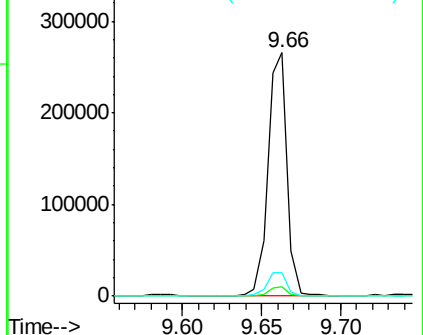


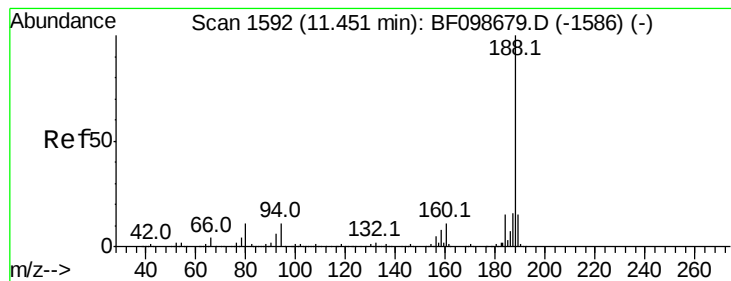
#49  
Dimethylphthalate  
Concen: 9.930 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.02 min  
Lab File: BF098808.D  
Acq: 26 Sep 2017 3:14

Tgt Ion:163 Resp: 223256  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.7 4.1  
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA\_F

ClientSampleId :

TP-3-(0-5)

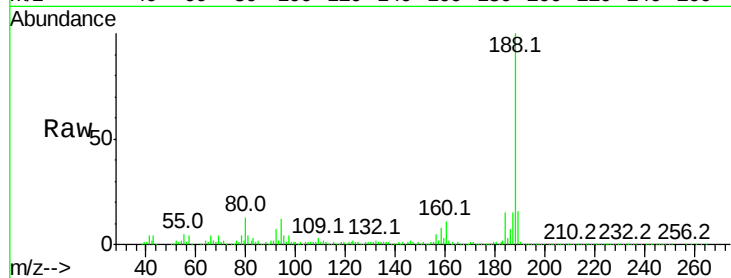
Tot Ion:188 Resp: 478009

Ion Ratio Lower Upper

188 100

94 11.9 8.5 12.7

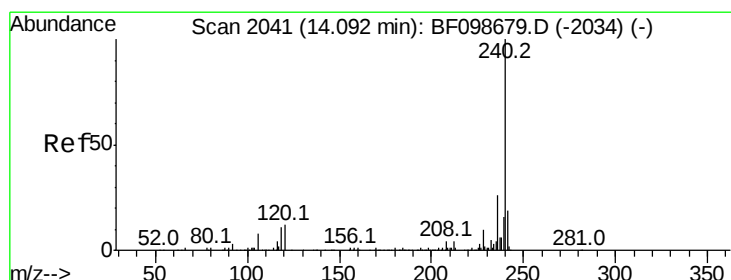
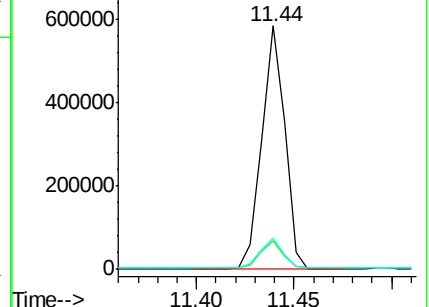
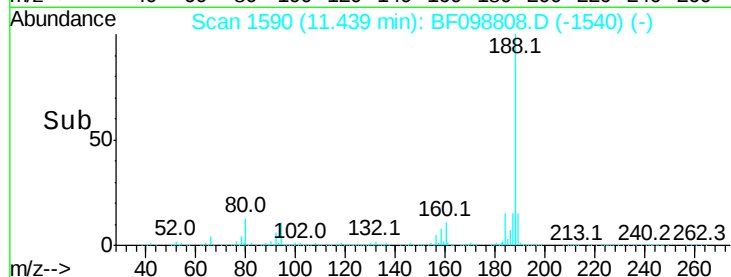
80 13.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

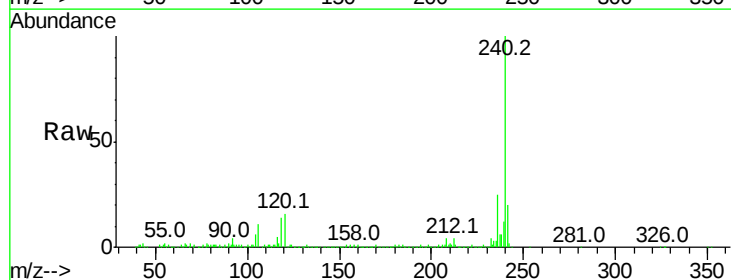
Tgt Ion:240 Resp: 290628

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

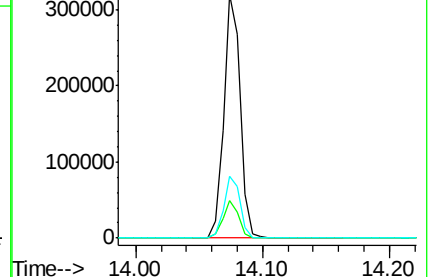
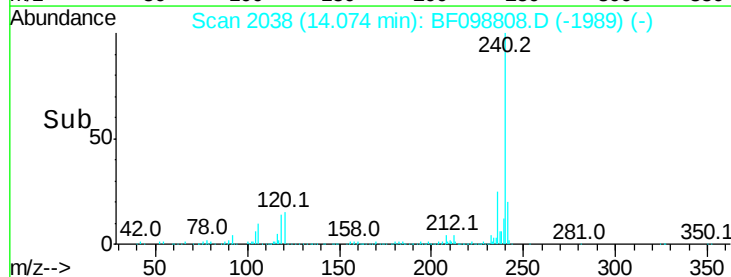
236 25.4 20.7 31.1

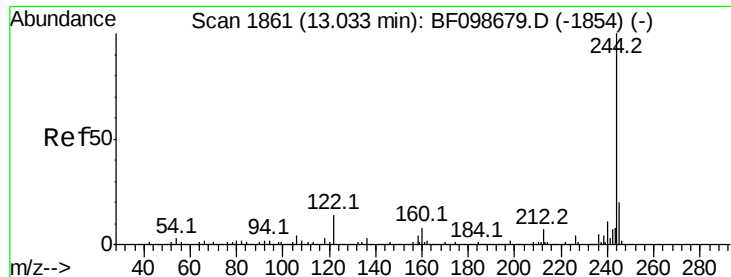


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.287 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

Instrument :

BNA\_F

ClientSampleId :

TP-3-(0-5)

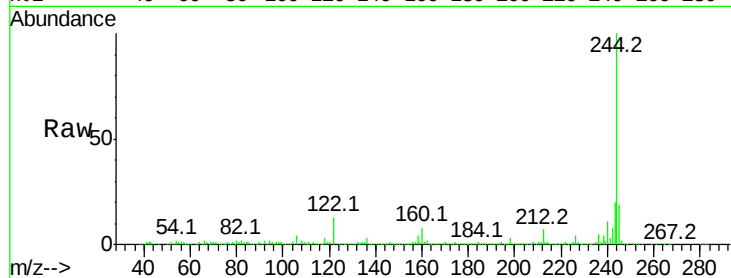
Tot Ion:244 Resp: 1115474

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

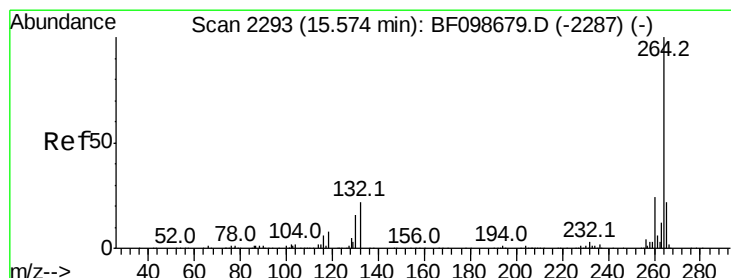
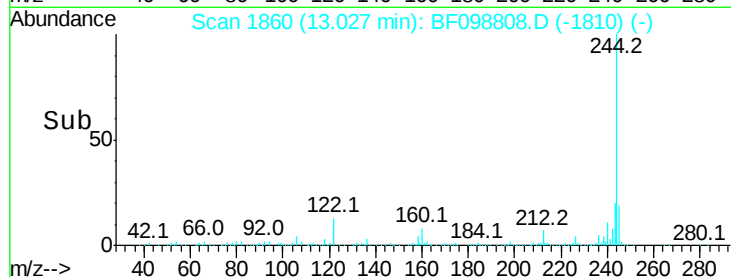
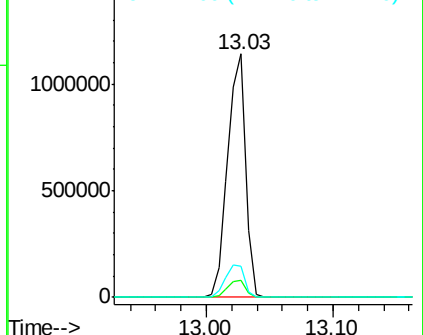
122 12.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098808.D

Acq: 26 Sep 2017 3:14

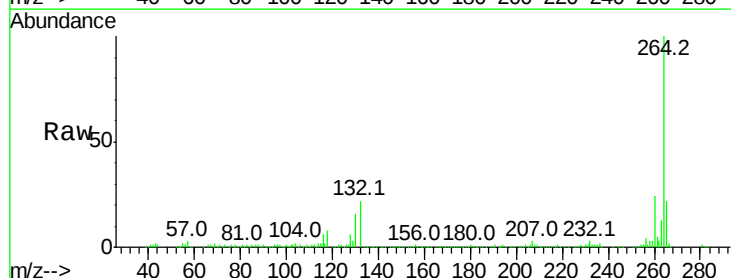
Tgt Ion:264 Resp: 278772

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

